



Docket No. 89DIV2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Figdor et al.
Application No: 10/625,202
Filing Date: July 23, 2003
For: COMPOSITION AND METHOD FOR MODULATING
DENDRITIC CELL-T CELL INTERACTION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

Date of Deposit: March 16, 2004

I hereby certify that the following:

- ☒ This Certificate of Mailing
- ☒ Information Disclosure Statement
- ☒ Form PTO-1449
- ☒ Cited art
- ☒ Return receipt postcard

are being deposited with the United States Postal Service first-class mail on the Date of Deposit indicated above in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Stephen A. Saxe
Stephen A. Saxe

Stephen A. Saxe
C/O
Alexion Pharmaceuticals, Inc.
352 Knotter Drive
Cheshire, CT 06410

BEST AVAILABLE COPY



Docket: 89DIV2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Figdor et al.

Serial No: 10/625,202

Examiner: Unassigned

Filed: July 23, 2003

Art Unit: Unassigned

For: COMPOSITION AND METHOD FOR MODULATING
DENDRITIC CELL-T CELL INTERACTION

Mail Stop Patent Application
Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's duty of disclosure under 37 C.F.R. §1.56, Applicants submit the enclosed reference for the Examiner's consideration.

It is respectfully requested that the reference(s) submitted with Form PTO-1449 be considered during Examination of the above-identified application and made of record therein. A copy of the reference(s) is/are enclosed. This submission is believed to be in compliance with 37 C.F.R. §1.97 and 37 C.F.R. §1.98.

The citation of the listed item(s) is not a representation that it constitutes a complete or exhaustive listing of prior art or that it constitutes prior art. The item(s) listed is/are submitted in good faith, but is/are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner, it will assist the Examiner in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

() This information disclosure statement is being filed within
three (3) months of the filing date of this application.

() This information disclosure statement is being filed within
three (3) months of the date of entry of the national stage as set
forth in 37 C.F.R. § 1.491 in an international application.

(x) To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action in connection with this case.

() Enclosed is a certificate under 37 C.F.R. §1.97 (e)(i).

() Enclosed is a petition under 37 C.F.R. §1.97 (d)

(.) Please charge the petition fee of \$130.00 required under 37 C.F.R. §1.17 (i)(1) to Deposit Account No. 01-0483.

() As set forth in 37 C.F.R. §1.97 (c), to the best of Applicant(s) knowledge, this information disclosure statement is being filed before either the mailing of a final action under 37 C.F.R. §1.113 or the mailing of a notice of allowance under 37 C.F.R. §1.113, and is accompanied by the \$220.00 fee as provided for in 37 C.F.R. §1.17(p).

() Please charge the \$240.00 fee required by 37 C.F.R. §1.17(p) to Deposit Account No. 01-0483.

(x) Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or 37 C.F.R. §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 01-0483. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend time as required and charge Deposit Account No. 01-0483 therefor. **TWO COPIES OF THIS SHEET ARE ENCLOSED.**

Early and favorable consideration of the case is respectfully requested.

Dated: March 16, 2004

Stephen A. Saxe
Stephen A. Saxe
Registration No. 38,609
Attorney for Applicants

Stephen A. Saxe
C/O
Alexion Pharmaceuticals, Inc.
352 Knotter Drive
Cheshire, CT 06410
(203) 271-8289

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

Complete if Known

Application Number	10/625,202
Filing Date	07/23/03
First Named Inventor	Carl Gustav FIGDOR
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	89 DIV2

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY			
	A	WO 93/01820 A2	02-04-1993	Bristol-Myers S		
	B	WO 98/55508 A2	12-10-1998	Sagami Chemical		
	C	WO 98/55508 A3	12-10-1998	Sagami Chemical		
	D	WO 96/23882 A1	08-08-1996	Rockefeller Uni		
	E	WO 98/28332 A2	07-02-1998	U. of Texas		
	F	WO 98/28332 A3	07-02-1998	U. of Texas		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	3
-------	---	----	---

Complete if Known

Application Number	10/625,202
Filing Date	07/23/03
First Named Inventor	Carl Gustav FIGDOR
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	89 DIV2

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

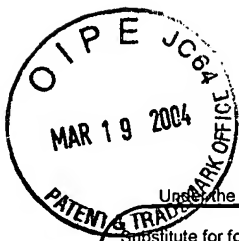
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	G	WO 98/02456 A2	01-22-1998	Incyte Pharmace		
	H	WO 98/02456 A3	01-22-1998	Incyte Pharmace		
	I	WO 98/41633 A1	09-24-1998	Incyte Pharmace		
	J	WO 98/49306 A1	11-05-1998	Incyte Pharmace		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/625,202
Filing Date	07/23/03
First Named Inventor	Carl Gustav FIGDOR
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	89 DIV2

Sheet	3	of	3
-------	---	----	---

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	K	CURTIS BM et al., "Sequence and expression of a membrane-associated C-type lectin that exhibits CD4-independent binding of human immunodeficiency virus envelope glycoprotein gp120", Proc. Natl. Acad. Sci. USA 89:8356-8360 (1992).	
	L	TSUNETSUGU-YOKOTA Y et al., "Efficient Virus Transmission from Dendritic Cells to CD4+ T Cells in Response to Antigen Depends on Close Contact through Adhesion Molecules", Virology 239:259-268 (1997).	
	M	ZOETEWEL JP and BLAUVELT A, "HIV-Dendritic Cell Interactions Promote Efficient Viral Infection of T Cells", J. Biomed. Sci. 5:253-259 (1998).	
	N	MANCA F et al., "Dendritic Cells Are Potent Antigen-Presenting Cells for In Vitro Induction of Primary Human CD4+ T-Cell Lines Specific for HIV gp120", Journal of Acquired Immune Deficiency Syndromes 7:15-23 (1994).	
	O	KNIGHT SC and PATTERSON S, "Bone Marrow-Derived Dendritic Cells, Infection with Human Immunodeficiency Virus, and Immunopathology", Annu. Rev. Immunol. 15:593-615 (1997).	
	P	GENBANK Accession No. AB015629 including updates of April 17, 1999; April 20, 1999; April 20, 1999 (later time); July 26, 2001; and July 23, 2002.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.